The following is the equation used to calculate the standard deviation for a list of integers.

Steps:

- 1. Find the mean of the set of integers.
- 2. Subtract each of the integers by the mean and square the difference.
- 3. Add these outcomes up and divide the sum by the number of integers.
- 4. Square root the divisor and you have your standard deviation.

$$\sigma = \sqrt{\mu_2}$$